

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: ML-48390	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. UNIT or CA AGREEMENT NAME: N/A	
2. NAME OF OPERATOR: ConocoPhillips Company				9. WELL NAME and NUMBER: Utah 33-604	
3. ADDRESS OF OPERATOR: P.O. Box 51810 CITY Midland STATE Tx ZIP 79710			PHONE NUMBER: (432) 688-6943	10. FIELD AND POOL, OR WILDCAT: Harvard Bench Undesignated	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 989.39 FSL & 572.15 FWL (SWSW) 33-16S-8E AT PROPOSED PRODUCING ZONE: Same as above				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 33 16S 8E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 5.5 miles northwest of Huntington, Utah				12. COUNTY: Emery	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 729'		16. NUMBER OF ACRES IN LEASE: 600		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40 acres	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 3200'		19. PROPOSED DEPTH: 4,500		20. BOND DESCRIPTION: Statewide	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 6503 GL		22. APPROXIMATE DATE WORK WILL START: 6/1/2008		23. ESTIMATED DURATION:	

24. PROPOSED CASING AND CEMENTING PROGRAM					
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
17 1/2	13 3/8 40.5 H40	60			
12 1/4	9 5/8 36 J55/K55	400	245 sxs 'G + 2% CC + .25 ppg D130. 15.8 ppg/1.16		
8 1/2	5 1/2 15.5 M80	4,500	Two Stage: Lead w/45 sxs 35/65 Poz G + 6% D20 + .75% D112 + .2% D65 + .2% D46 + .125 pps D130 12.0ppg/2.21ft3/sx. Tail w/145 sxs RFC G + .125 pps D130 14.2ppg/1.5ft3/sx. Dv tool @ est3285'. Lead w/415 sxs 35/65 Poz G + 6% D20 + .75% D112 + .2% D65 .2% D46 + .125 pps D130 12.0ppg/2.21 ft3/sx. Tail w/100 sxs RFC G + .125pps D130. 14.2ppg/1.6 ft3/sx		

25. ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Donna Williams TITLE Sr. Regulatory Specialist

SIGNATURE [Signature] DATE 5/8/2008

(This space for State use only)

**Approved by the
Utah Division of
Oil, Gas and Mining**

**RECEIVED
MAY 12 2008**

API NUMBER ASSIGNED: 43-015-30752

APPROVAL:

Date: 07-07-08

By: [Signature]

DIV. OF OIL, GAS & MINING

Range 8 East

(S89°58'W - 5272.08')

Township 16 South

(S00°52'E - 2491.50')

(S00°16'W - 2664.42')

(SOUTH - 2636.70')

(N00°03'19"E - 2636.15')

(S00°27'E - 2618.88')

(S00°28'19"E - 2617.87')

33

572.15'

UTAH #33-604
ELEV. 6502.6'

UTM
N 4359180
E 496840

68.39'

(N89°53'W - 2601.72')

(N89°47'W - 2657.16')

(N 89°58'28" E 5206.85')

52.87

Legend

- Drill Hole Location
- ⊙ Metal Cap (Found)
- Brass Cap (Searched for, but not found)
- △ Calculated Corner
- () GLO
- GPS Measured

NOTES:

1. UTM and Latitude / Longitude Coordinates are derived using a GPS Pathfinder and are shown in NAD 27 Datum.

LAT / LONG
39°23'02.31"N
111°02'12.089"W

Location:

The well location was determined using a Trimble 5700 GPS survey grade unit.

Basis of Bearing:

The Basis of Bearing is GPS Measured.

GLO Bearing:

The Bearings indicated are per the recorded plat obtained from the U.S. Land Office.

Basis of Elevation:

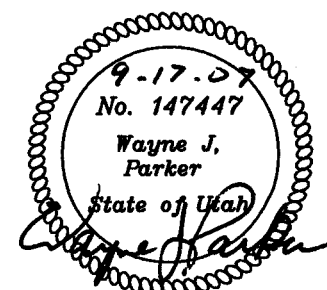
Basis of Elevation of 6538' being at the Northeast Section Corner of Section 5, Township 17 South, Range 8 East, Salt Lake Base and Meridian, as shown on the Hiawatha Quadrangle 7.5 minute series map.

Description of Location:

Proposed Drill Hole located in the SW/4 SW/4 of Section 33, T16S, R8E, S.L.B.&M., being North 989.39' from South Line and East 572.15' from West Line of Section 33, T16S, R8E, Salt Lake Base & Meridian.

Surveyor's Certificate:

I, Wayne J. Parker, a Registered Professional Land Surveyor, holding Certificate 147447 State of Utah, do hereby certify that the information on this drawing is a true and accurate survey based on data of record and was conducted under my personal direction and supervision as shown hereon.



TALON RESOURCES, INC.

615 North 400 East P.O. Box 1230
Huntington, Utah 84528

Phone (435)687-5310 Fax (435)687-5311
E-Mail talon@etv.net

ConocoPhillips

ConocoPhillips Company
WELL UTAH #33-604
Section 33, T16S, R8E, S.L.B.&M.
Emery County, Utah

Drawn By: N. BUTKOVICH	Checked By: L.W.J./W.P.
Drawing No. A-1	Date: 9/14/07
	Scale: 1" = 1000'
Sheet 1 of 4	Job No. 3034

GRAPHIC SCALE

0 500' 1000'
(IN FEET)
1 inch = 1000 ft.

EXHIBIT "D"
DRILLING PROGRAM

Attached to Form 3
ConocoPhillips Company
Utah 33-604
989.39 FSL & 572.15 FWL
SWSW of 33-16S-8E
Emery County, Utah

1. The Surface Geologic Formation

Mancos Shale

2. Estimated Tops of Important Geologic Markers

Blue Gate Shale Top 3395

3. Projected Gas & H2O zones (Ferron Formation)

Coals and sandstones 3535-4500

No groundwater is expected to be encountered.

Casing & cementing will be done to protect potentially productive hydrocarbons, lost circulation zones, abnormal pressure zones, and prospectively valuable mineral deposits.

All indications of usable water will be reported.

Surface casing will be tested to 500 psi and Production casing tested to 1500 psi with a minimum of 1 psi/ft of the last casing string depth

4. The Proposed Casing and Cementing Programs

Hole Size	Casing Size	Wt/Ft	Grade	Joint	Depth set
14 3/4"	13 3/8"	40.5	H-40	ST&C	0-60
12 1/4"	9 5/8"	36#	J55	ST&C	0-400'
8 1/2"	5 1/2"	17	M80	LT&C	0-4500 MD

Cementing Program

The 9 5/8" surface casing will be set with approximately 220 sacks Class G or Type V cement with 2% CC + ¼ pps D130 mixed at 15.8 ppg (yield =1.16 ft³/sx). The cement will be circulated back to surface with 100% excess.

The 5 ½" production casing will be set and cemented using a two stage cementing process .

Cement Program: First Stage – Lead w/45 sxs 35/65 Poz Class G + 6% D20 + .75% D112 + .2% D65 + .2% D46 + .125 pps D130. (12.0 ppg/2.21 ft³/sx). Tail w/145 sxs RFC Class G + .125 pps D130 (14.2 ppg/1.6 ft³/sx). Set DV Tool at ~3285. Second Stage: Lead w/415 sxs 35/65 Poz Class G + 6% D20 + .75% D112 + .2% D65 + .2% D46 + .125 pps D130.. (12.0 ppg/2.21 ft³/sx). Tail w/100 sxs RFC Class G + .125 pps D130. (14.2 ppg/1.6 ft³/sx). The cement will be circulated back to surface.

The above cement volumes are approximate and are calculated under the assumption that a gauge hole will be achieved. If the cement does not return to surface, a cement bond log will be run to determine the top of cement. In the case where the cement is below the surface casing shoe, the casing will be perforated and squeeze cemented to the surface. If the cement is above the surface casing shoe, cement will be one-inched to the surface.

The following shall be entered in the driller's log:

- 1) Blowout preventer pressure tests, including test pressures and results;
- 2) Blowout preventer tests for proper functioning;
- 3) Blowout prevention drills conducted;
- 4) Casing run, including size, grade, weight, and depth set;
- 5) How the pipe was cemented, including amount of cement, type, whether cement circulated, location of the cementing tools, etc.;
- 6) Waiting on cement time for each casing string;
- 7) Casing pressure tests after cementing, including test pressures and results.

5. The Operator's Minimum Specifications for Pressure Control

Exhibit "G" is a schematic diagram of the blowout preventer equipment. A double gate 3000 psi BOPE will be used with a rotating head. This equipment will be tested to required pressures. All tests will be recorded in a Driller's Report Book. Physical operation of BOP's will be checked on each trip.

6. The Type and Characteristics of the Proposed Circulating Muds

0-400	12 1/4" hole	Drill with air, will mud-up if necessary.
400-TD	8 1/2" hole	Drill with air, will mud-up if necessary. 400 psi @ 1400-1600 cfm

7. The Testing, Logging and Coring Programs are as followed

400-TD Gamma Ray, Neutron Porosity, CBL

Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is about 1256 psi max., however due to offset production pressures may be much lower. No hydrogen sulfide or other hazardous gases or fluids have been found, reported or are known to exist at these depths in the area.

8. Anticipated Starting Date and Duration of the Operations.

The well will be drilled around June 1, 2008

Verbal and/or written notifications listed below shall be submitted in accordance with instructions from the Division of Oil, Gas & Mining:

- (a) prior to beginning construction;
- (b) prior to spudding;
- (c) prior to running any casing or BOP tests;
- (d) prior to plugging the well, for verbal plugging instructions.

Spills, blowouts, fires, leaks, accidents or other unusual occurrences shall be reported to the Division of Oil, Gas & Mining immediately.



ConocoPhillips Company
3300 N. 'A' St. Bldg. 6
Midland, TX 79705

May 8, 2008

Utah Division of Oil, Gas, and Mining
P.O. Box 145801
Salt Lake City, Utah 84114

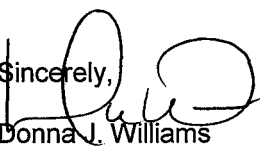
Location Exception Request
Utah 33-604
989.39 FSL & 572.15 FWL
SWSW of 33-16S-8E
Emery County, Utah

Ladies and Gentlemen:

Pursuant to Utah Code R649-3-2, ConocoPhillips Company hereby respectfully requests administrative approval for a location exception for the referenced well due to topography issues that prevented the well from being spotted within the center of the 40 acre spacing unit. Furthermore, COP is 100% owner/operator of all tracts within a radius of 460' from the proposed well.

Should you have any questions, or need additional information, please do not hesitate to contact me at 432-688-6943.

Sincerely,



Donna J. Williams
Sr. Regulatory Specialist

SURFACE USE PLAN

Attached to Form 3
ConocoPhillips Company
Utah 33-604
Surf: 989.39 FSL & 572.15 FWL
SWSW of 33-16S-8E
Emery County, Utah

1. Existing Roads

- a. We do not plan to change, alter or improve upon any existing state or county roads.
- b. Existing roads will be maintained in the same or better condition. See Exhibit "B".

2. Planned Access

This well is located on an existing well pad. There is no new access needed.

- a. Maximum Width: 24' travel surface with 27' base
- b. Maximum grade: 7%
- c. Turnouts: None
- d. Drainage design: 10 culverts may be required. Water will be diverted around well pad as necessary.
- e. If the well is productive, the road will be surfaced and maintained as necessary to prevent soil erosion and accommodate year-round traffic.
- f. Pipe and power lines will follow the proposed access road.

3. Location of Existing Wells

- a. Refer to Drawing L-1.

4. Location of Existing and/or Proposed Facilities

- a. If the well is a producer, installation of production facilities will be as shown on Exhibit "H". Buried powerlines run along access on the east and north, gathering lines on the south or west.
- b. Rehabilitation of all pad areas not used for production facilities will be made in accordance with landowner stipulations.

5. Location and Type of Water Supply

- a. Water to be used for drilling will be purchased from the Price River Water Improvement District (a local source of municipal water) (tel. 435-637-6350).
- b. Water will be transported by truck over approved access roads.
- c. No water well is to be drilled for this location.

6. Source of Construction Materials

- a. Any necessary construction materials needed will be obtained locally and hauled to the location on existing roads.
- b. No construction or surfacing materials will be taken from Federal/Indian land.

7. Methods for handling waste disposal

- a. As the well will be air drilled, a small reserve pit will be constructed with a minimum of one-half the total depth below the original ground surface on the lowest point within the pit. The pit will not be lined unless conditions encountered during construction warrant it or if deemed necessary by the DOGM representative during the pre-site inspection. Three sides of the reserve pit will be fenced within 24 hours after completion of construction and the fourth side within 24 hours after drilling operation cease with woven wire topped with barbed wire to a height of not less than four feet. The fence will be kept in good repair while the pit is drying.
- b. Following drilling, the liquid waste will be evaporated from the pit and the pit back-filled and returned to natural grade. No liquid hydrocarbons will be discharged to the reserve pit or location.
- c. In the event fluids are produced, any oil will be retained in tankage until sold and any water produced will be retained until its quality can be determined. The quality and quantity of the water will determine the method of disposal.
- c. Trash will be contained in a portable metal container and will be hauled from location periodically and disposed of at an approved disposal site. Chemical toilets will be placed on location and sewage will be disposed of at an appropriate disposal site.

8. Ancillary Facilities

- a. We anticipate no need for ancillary facilities with the exception of one trailer to be located on the drill site.

9. Wellsite Layout

- a. Available topsoil will be removed from the location and stockpiled. Location of mud tanks, reserve and berm pits, and soil stockpiles will be located as shown on the attachments.
- b. A blooie pit will be located 100' from the drill hole. A line will be placed on the surface from the center hole to the pit. The pit will not be lined, but will be fenced on four sides to protect livestock/wildlife.
- c. Access to the well pad will be as shown on Drawing A-2 and L-1.
- d. Natural runoff will be diverted around the well pad.

10. Plans for Restoration of Surface

- a. All surface areas not required for producing operations will be graded to as near original condition as possible and contoured to maintain possible erosion to a minimum.
- b. Available topsoil will be stockpiled and will be evenly distributed over the disturbed areas and the area will be reseeded as prescribed by the landowner.
- c. Pits and any other area that would present a hazard to wildlife or livestock will be fenced off when the rig is released and removed.

11. Surface Ownership:

- a. The wellsite and access road will be constructed on lands owned by School and Institutional Trust Lands Administration. The operator shall contact the landowner representative and the Division of Oil, Gas and Mining 48 hours prior to beginning construction activities

12. **Other Information:**

- a. The primary surface use is farming and grazing. The nearest dwelling is approximately 7000' southwest.
- b. Nearest live water is the Fish River located approximately 500' southwest
- c. If there is snow on the ground when construction begins, it will be removed before the soil is disturbed and piled downhill from the topsoil stockpile location.
- d. The backslope and foreslope will be constructed no steeper than 4:1.
- e. All equipment and vehicles will be confined to the access road and well pad.
- f. A complete copy of the approved Application for Permit to Drill (APD) including conditions and stipulations, shall be on the wellsite during construction and drilling operations.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the Division of Oil, Gas & Mining.

13. Company Representative

Jean Semborski
Construction/Asset Integrity Supervisor
ConocoPhillips Company
P.O. Box 851
6825 South 5300 West
Price, Utah 84501
(435) 613-9777
(435) 820-9807

Mail Approved A.P.D. To:

Donna Williams
Sr. Regulatory Analyst
ConocoPhillips Company
P.O. Box 51810
Midland, Texas 79710


Excavation Contractor

Larry Jensen, Vice President
Nelco Contractors Inc.
(435) 637-3495
(435) 636-5268

14. Certification

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and that the work associated with the operations proposed herein will be performed by ConocoPhillips Company and its subcontractors in conformity with this plan and the terms and conditions under which it is approved.

5/8/08
Date



Donna Williams
Sr. Regulatory Analyst
ConocoPhillips Company

Bond No. 6196922

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 4A

SURETY BOND

KNOW ALL MEN BY THESE PRESENTS:

That we (operator name) CONOCOPHILLIPS COMPANY as Principal,
and

(surety name) SAFECO INSURANCE COMPANY OF AMERICA as Surety, duly authorized
and qualified to do business in the State of Utah, are held and firmly bound unto the State of Utah in the sum of:

EIGHTY THOUSAND AND NO/100***** dollars (\$ 80,000.00)
lawful money of the United States, payable to the Director of the Division of Oil, Gas and Mining, as agent of the State of Utah, for the use and
benefit of the State of Utah for the faithful payment of which we bind ourselves, our heirs, executors, administrators and successors, jointly and
severally by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT, WHEREAS the Principal is or will be engaged in the drilling, redrilling, deepening,
repairing, operating, and plugging and abandonment of a well or wells and restoring the well site or sites in the State of Utah for the purposes of
oil or gas production and/or the injection and disposal of fluids in connection therewith for the following described land or well:

X Blanket Bond: To cover all wells drilled in the State of Utah

____ Individual Bond: Well No: _____
Section: _____ Township: _____ Range: _____
County: _____, Utah

NOW, THEREFORE, if the above bounden Principal shall comply with all the provisions of the laws of the State of Utah and the rules, orders and
requirements of the Board of Oil, Gas and Mining of the State of Utah, including, but not limited to the proper plugging and abandonment of wells
and well site restoration, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

IN TESTIMONY WHEREOF, said Principal has hereunto subscribed its name and has caused this instrument to be signed by its duly authorized
officers and its corporate or notary seal to be affixed this

30th day of Dec, 2002

(Corporate or Notary Seal here)

Attest: [Signature] Date: 12-30-02

Principal (company name) _____
By _____
Name (print) _____ Title Manager
James F. Hughes
Signature

IN TESTIMONY WHEREOF, said Surety has caused this instrument to be signed by its duly authorized officers and its corporate or notary seal
to be affixed this

1ST day of JANUARY, 2003

(Corporate or Notary Seal here)

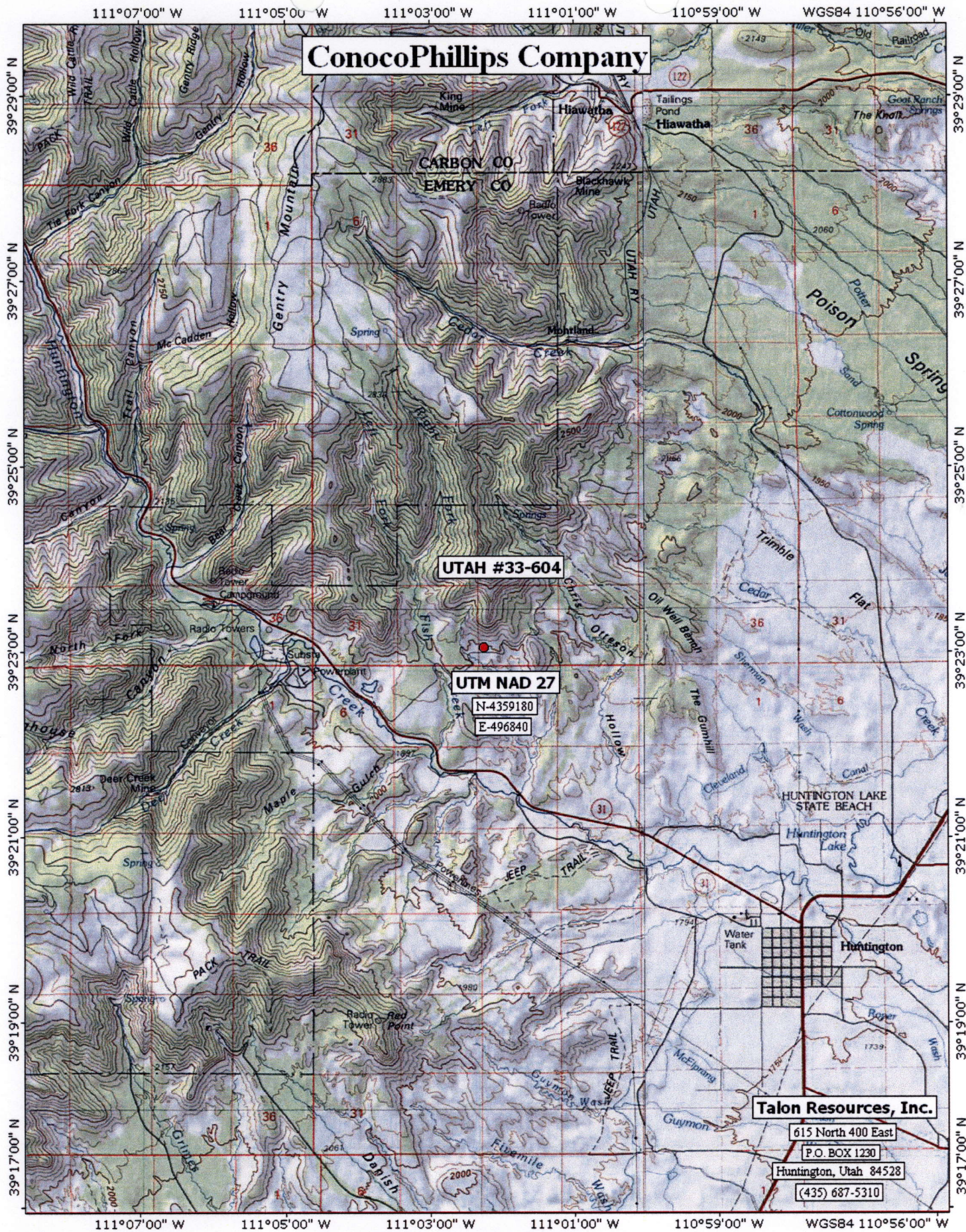
Carolyn E. Wheeler
Attest: _____ Date: 12/20/2002

CAROLYN E. WHEELER
NOTARY PUBLIC
MY COMMISSION EXPIRES: NOVEMBER 1, 2006
(52002)

Surety Company (Attach Power of Attorney)
By _____
Name (print) _____ Title _____
Tina Marie S
Signature

Surety Mailing Address

City _____ State _____ Zip _____



ConocoPhillips Company

CARBON CO
EMERY CO

UTAH #33-604

UTM NAD 27

N-4359180

E-496840

Talon Resources, Inc.

615 North 400 East

P.O. BOX 1230

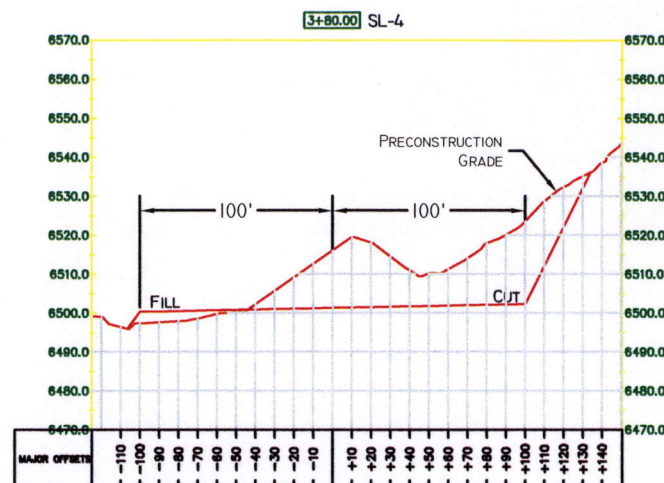
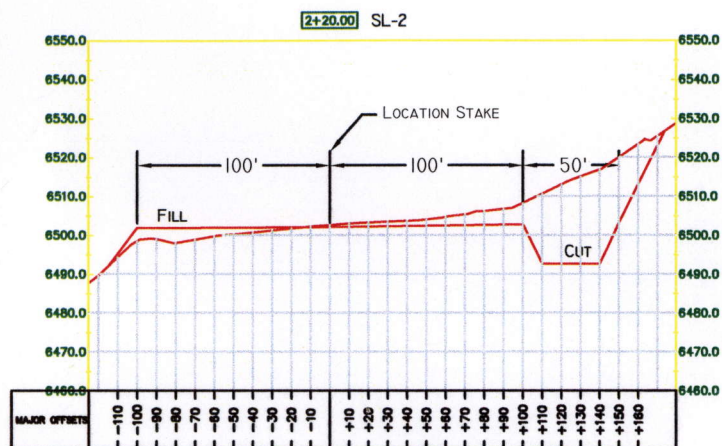
Huntington, Utah 84528

(435) 687-5310

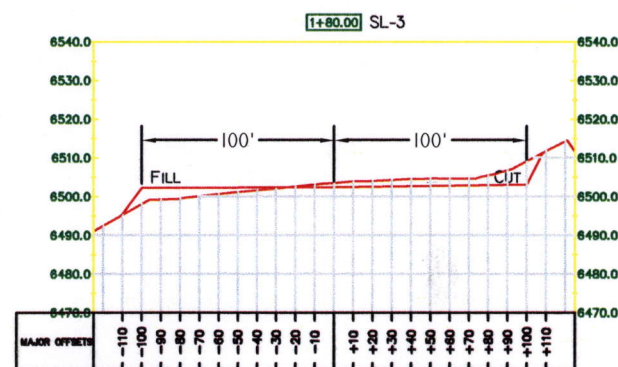
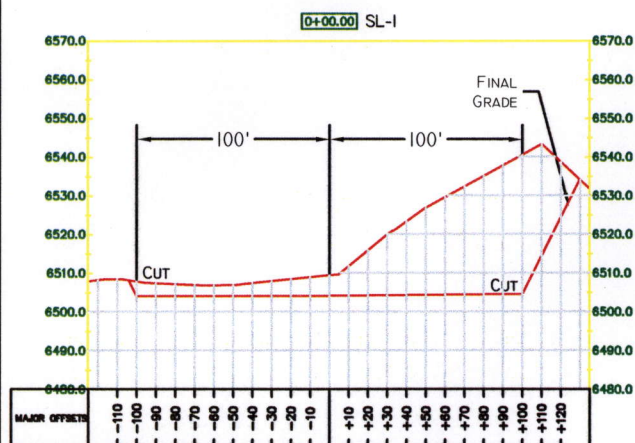
TN/MN
12%

Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)

1" = 10'
X-Section Scale
1" = 20'



CUT SLOPE = 1 : 1
FILL SLOPE = 1 1/2 : 1
PIT SLOPE = 1 : 1



APPROXIMATE YARDAGES

(6") TOPSOIL STRIPPING = 1,455 CU. YDS.

TOTAL CUT (INCLUDING PIT) = 19,295 CU. YDS.

TOTAL FILL = 1,620 CU. YDS.



TALON RESOURCES, INC.

615 North 400 East P.O. Box 1230
Huntington, Utah 84528

Phone (435) 687-5310 Fax (435) 687-5311
E-Mail talonnetv.net

ConocoPhillips

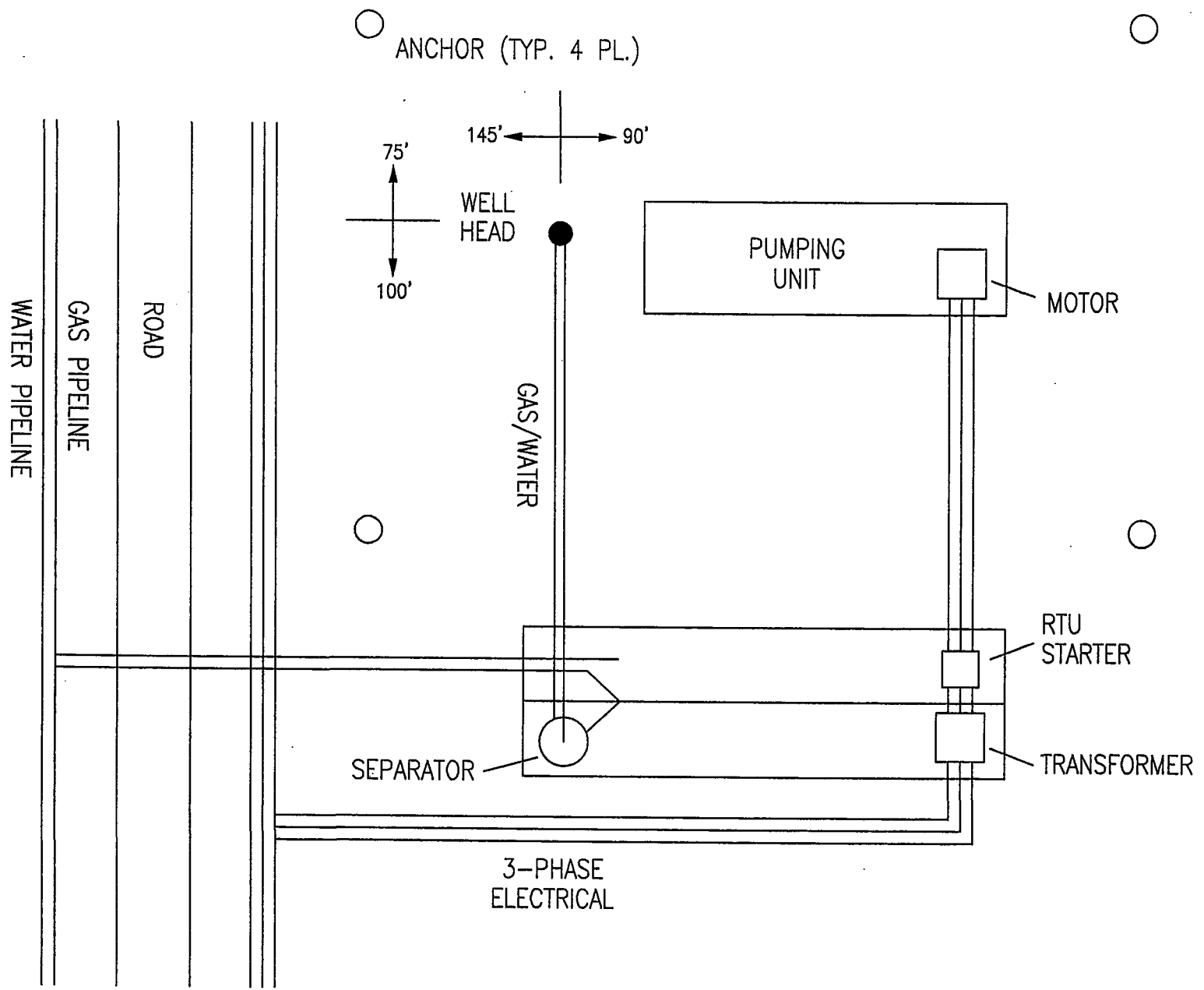
ConocoPhillips Company
TYPICAL CROSS SECTION
Section 33, T16S, R8E, S.L.B.&M.
WELL UTAH #33-604

Drawn By: N. BUTKOVICH	Checked By: L.W.J.
Drawing No. C-1	Date: 9/14/07
	Scale: 1" = 100'
Sheet 3 of 4	Job No. 3034

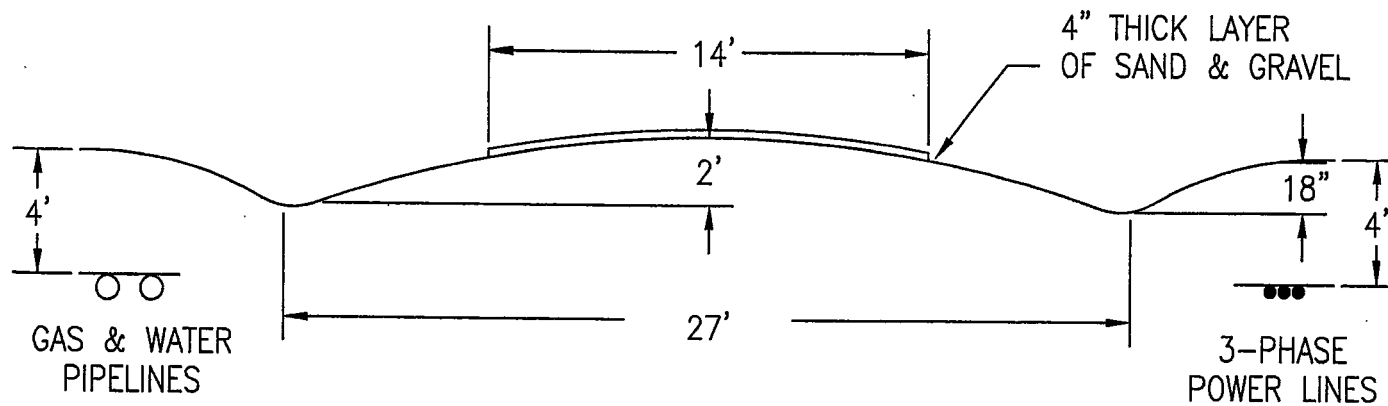
WELL SITE

CONOCOPHILLIPS COMPANY

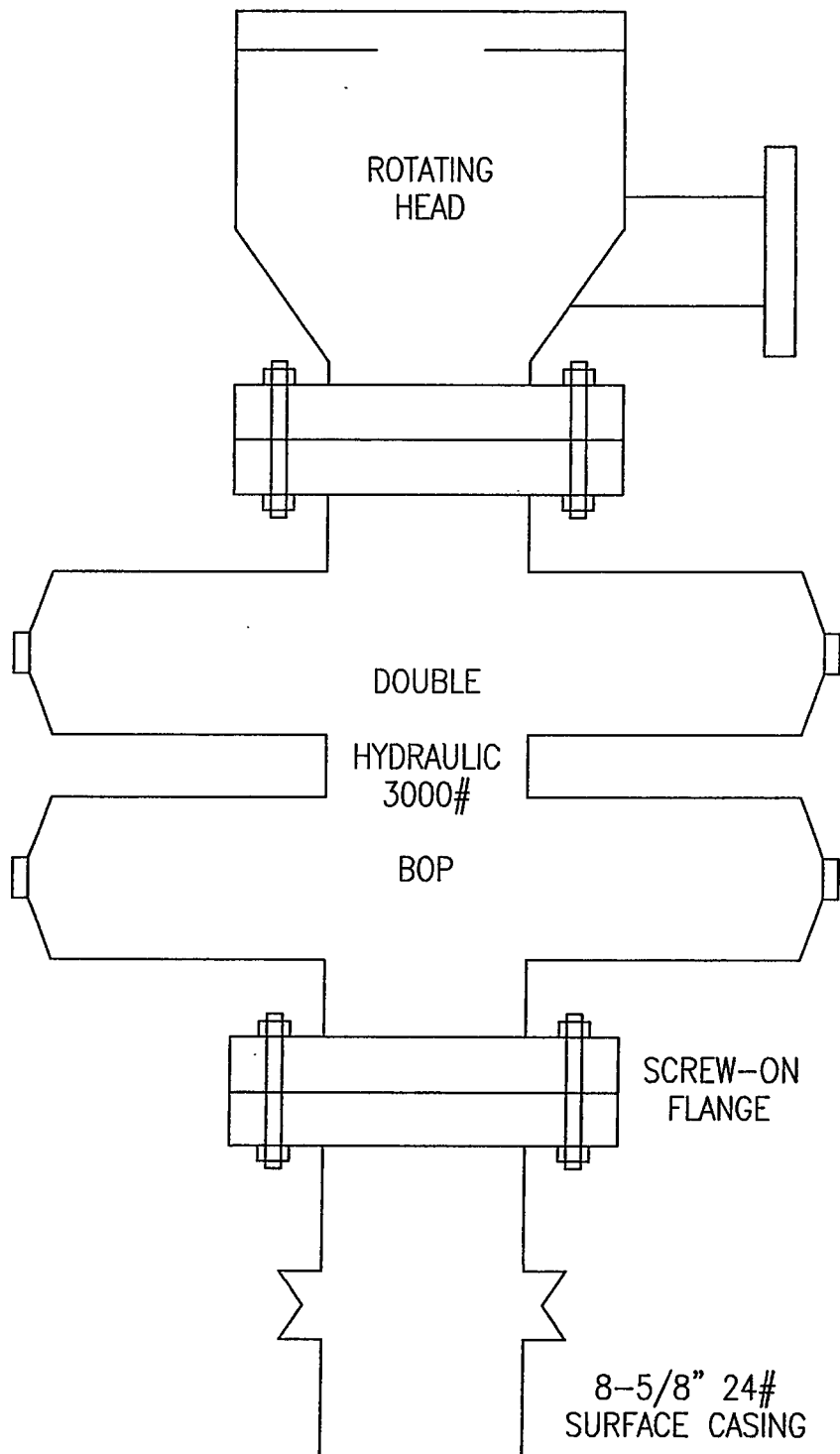
WELL SITE LAYOUT (235' x 175')



TYPICAL ROAD CROSS-SECTION
CONOCOPHILLIPS COMPANY



DIVERTER HEAD
CONOCOPHILLIPS COMPANY

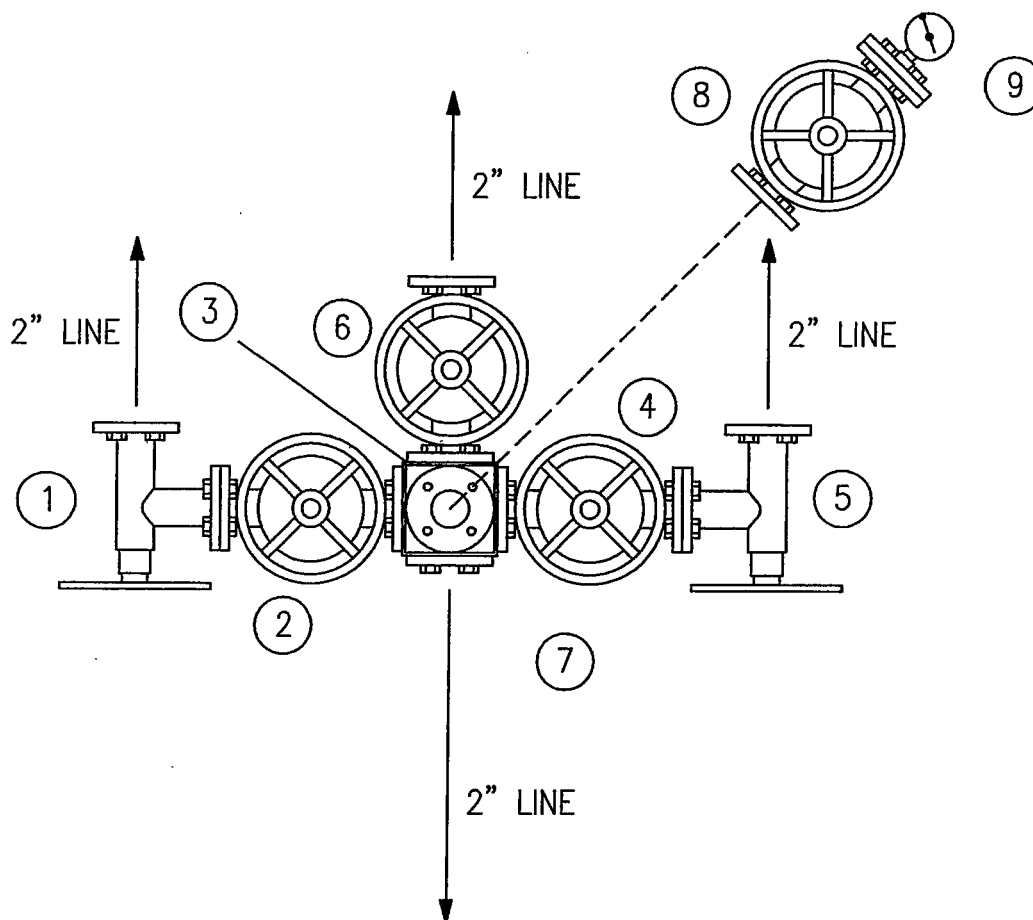


CONOCOPHILLIPS COMPANY

- (1) 2" 5M FLANGED CHOKE
- (2) 2" 5M GATE VALVE (FLANGED)
- (3) 2" 5M STUDDED CROSS
- (4) 2" 5M GATE VALVE (FLANGED)
- (5) 2" 5M FLANGED CHOKE
- (6) 2" 5M GATE VALVE (FLANGED)
- (7) 2" LINE
- (8) 2" 5M GATE VALVE (FLANGED)
- (9) 3000# GAUGE

NOTE:

NUMBER 8 GATE VALVE SITS ON TOP OF MANIFOLD BETWEEN STUDDED CROSS AND 3000# GAUGE.



TO BOP
AND A NEW 2" BALL VALVE
FULL OPEN 5000 PSI

MANIFOLD

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/12/2008

API NO. ASSIGNED: 43-015-30752

WELL NAME: UTAH 33-604

OPERATOR: CONOCOPHILLIPS COMPANY (N2335)

CONTACT: DONNA WILLIAMS

PHONE NUMBER: 432-688-6943

PROPOSED LOCATION:

SWSW 33 160S 080E

SURFACE: 0989 FSL 0572 FWL

BOTTOM: 0989 FSL 0572 FWL

COUNTY: EMERY

LATITUDE: 39.38394 LONGITUDE: -111.0367

UTM SURF EASTINGS: 496837 NORTHINGS: 4359176

FIELD NAME: UNDESIGNATED (2)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKN	6/30/08
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ML-48390

SURFACE OWNER: 3 - State

PROPOSED FORMATION: FRSD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[] Ind[] Sta[] Fee[]
(No. 6196922)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. MUNICIPAL)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.
Unit: _____
___ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
___ R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 243-8
Eff Date: 4-30-2002
Siting: 460' fr 460' & 920' uncomm. Tracts
___ R649-3-11. Directional Drill

COMMENTS: Needs Permit 05-19-08

STIPULATIONS: 1- STATEMENT OF BASIS

Application for Permit to Drill

Statement of Basis

Utah Division of Oil, Gas and Mining

5/27/2008

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
766	43-015-30752-00-00		GW	S	No
Operator	CONOCOPHILLIPS COMPANY	Surface Owner-APD			
Well Name	UTAH 33-604	Unit			
Field	UNDESIGNATED	Type of Work			
Location	SWSW 33 16S 8E S 989 FSL 572 FWL	GPS Coord (UTM)	496837E 4359176N		

Geologic Statement of Basis

This location is situated on a soil developed on the upper portion of the Blue Gate Member of the Mancos Shale. Local outcrops dip under the Wasatch Plateau at about 6 degrees to the northwest. Although it is unlikely that there is any significant high quality ground water resource to be found in the strata below the location, sandier units of the Emery Sandstone Member of the Mancos Shale are close below the surface and should be protected by extending the surface casing as needed to put these behind casing. The nearest surface waters are in Fish Creek, which is ~3/5 mile to the southwest. The location is near an unnamed drainage that joins Huntington Creek via Brockbank Hollow about 2 miles to the south. The proposed cementing and casing program should be adequate to protect any potential groundwater resource if it is extended to incorporate a significant water resource encountered in sandy units of the Emery Sandstone Member. No underground water rights have been filed on within a mile of the location.

Chris Kierst
APD Evaluator

5/22/2008
Date / Time

Surface Statement of Basis

This well will be drilled from an existing wellpad, no additional construction is necessary for the pad or access to accommodate drilling this second well. Well will be utilize the original reserve pit. No liner was stipulated originally by the Division's pit ranking criteria, however the operator may choose to utilize a liner.

Mark Jones
Onsite Evaluator

5/19/2008
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator CONOCOPHILLIPS COMPANY
Well Name UTAH 33-604
API Number 43-015-30752-0 **APD No** 766 **Field/Unit** UNDESIGNATED
Location: 1/4,1/4 SWSW **Sec** 33 **Tw** 16S **Rng** 8E 989 FSL 572 FWL
GPS Coord (UTM) **Surface Owner**

Participants

New well on existing Utah 33-602d well-pad, did not conduct a new pre-site inspection.

Regional/Local Setting & Topography

Huntington Canyon, Berma Road, Huntington Utah. ~5.5 miles northwest Huntington Utah. Existing well location, Utah 33-602d, API # 43-015-30733.

Surface Use Plan

Current Surface Use

Existing Well Pad

New Road

Miles	Well Pad		Src Const Material	Surface Formation
0	Width 200	Length 240	Onsite	

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland Y

ephemeral drainages diverted around location.

Flora / Fauna

mancos shale desert community.

Soil Type and Characteristics

mancos clay

Erosion Issues Y

erosive upon disturbances.

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required Y

ephemeral drainages diverted around location.

Berm Required? Y

as per EIS.

Erosion Sedimentation Control Required? N

Paleo Survey Run? Y

Paleo Potential Observed? N

Cultural Survey Run? Y

Cultural Resources? N

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Low permeability	0
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	10 to 20	5
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0

Final Score

10 3 **Sensitivity Level**

Characteristics / Requirements

Dugout earthen proposed (50x50x10) exterior to pad dimensions.

Closed Loop Mud Required? N

Liner Required? N

Liner Thickness

Pit Underlayment Required? N

Other Observations / Comments

Mark Jones
Evaluator

5/19/2008
Date / Time

Utah Division of Water Rights

 Search

There are no features in the query area.

Click on the back button to try again

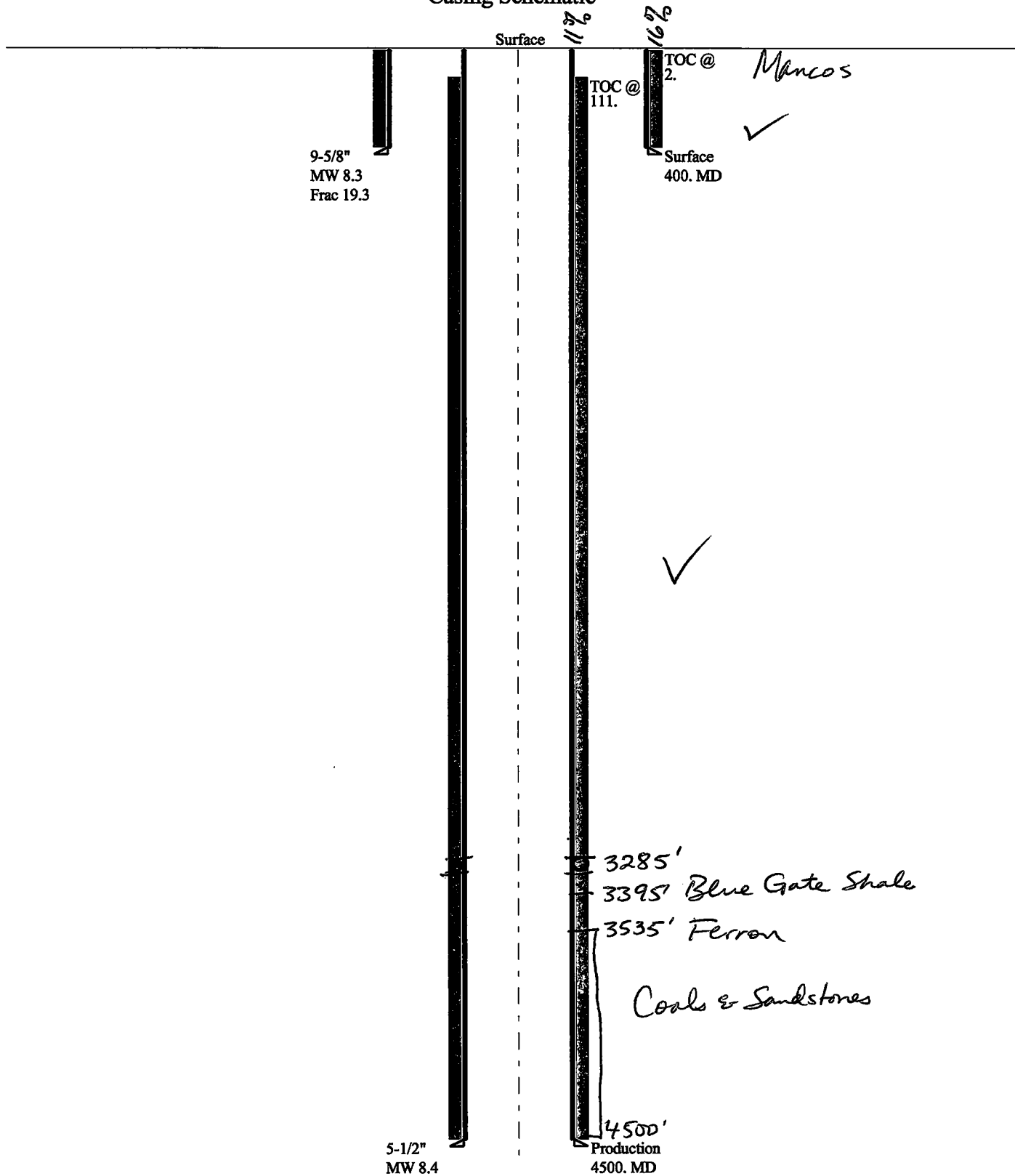
Please direct questions and comments regarding the map server to: leeschler@utah.gov.

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Utah Division of Water Rights | 1594 West North Temple Suite 220, P.O. Box 146300, Salt Lake City, Utah 84114-6300 | 801-538-7240
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2008-06 ConocoPhillips Utah 33-604

Casing Schematic



Well name:	2008-06 ConocoPhillips Utah 33-604	
Operator:	ConocoPhillips Company	Project ID:
String type:	Surface	43-015-30752
Location:	Emery County	

Design parameters:
Collapse

Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Minimum design factors:
Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 71 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 150 ft

Cement top: 2 ft

Burst

Max anticipated surface pressure: 352 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 400 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 351 ft

Non-directional string.
Re subsequent strings:

Next setting depth: 4,500 ft
Next mud weight: 8.400 ppg
Next setting BHP: 1,964 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 400 ft
Injection pressure: 400 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	400	9.625	36.00	J-55	LT&C	400	400	8.796	173.6
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	173	2020	11.670	400	3520	8.80	14	453	31.46 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Minerals

Phone: 801-538-5357
FAX: 801-359-3940

Date: June 26, 2008
Salt Lake City, Utah

ENGINEERING STIPULATIONS:

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:

2008-06 ConocoPhillips Utah 33-604Operator: **ConocoPhillips Company**String type: **Production**

Project ID:

43-015-30752Location: **Emery County****Design parameters:****Collapse**

Mud weight: 8.400 ppg

Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No

Surface temperature: 65 °F

Bottom hole temperature: 128 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 368 ft

Cement top: 111 ft

Burst

Max anticipated surface pressure: 974 psi

Internal gradient: 0.220 psi/ft

Calculated BHP 1,964 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Non-directional string.

Tension is based on air weight.

Neutral point: 3,927 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	4500	5.5	17.00	Mav-80	LT&C	4500	4500	4.767	587.4
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1964	6290	3.203	1964	7740	3.94	76	273	3.57 B

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & MineralsPhone: 801-538-5357
FAX: 801-359-3940Date: June 26, 2008
Salt Lake City, Utah**ENGINEERING STIPULATIONS:**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

BOPE REVIEW**ConocoPhillips Utah 33-604 API# 43-015-30752****INPUT**

Well Name

Casing Size (")

Setting Depth (TVD)

Previous Shoe Setting Depth (TVD)

Max Mud Weight (ppg)

BOPE Proposed (psi)

Casing Internal Yield (psi)

Operators Max Anticipated Pressure (psi)

ConocoPhillips Utah 33-604 API# 43-015-30752

String 1	String 2		
9 5/8	5 1/2		
400	4500		
60	400		
8.4	8.6		
1000	3000		
3520	7000		
1256	5.4 ppg		

Calculations**String 1 9 5/8 "**

Max BHP [psi]	.052*Setting Depth*MW =	175	BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	127	YES ✓ Air drill to surface surface shoe, rotating head & diverter
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	87	YES
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	100	*Can Full Expected Pressure Be Held At Previous Shoe?
Required Casing/BOPE Test Pressure		400 psi	← NO Reasonable
*Max Pressure Allowed @ Previous Casing Shoe =		60 psi	*Assumes 1psi/ft frac gradient

Calculations**String 2 5 1/2 "**

Max BHP [psi]	.052*Setting Depth*MW =	2012	BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	1472	YES ✓
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	1022	YES
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	1110	*Can Full Expected Pressure Be Held At Previous Shoe?
Required Casing/BOPE Test Pressure		3000 psi	← NO Reasonable
*Max Pressure Allowed @ Previous Casing Shoe =		400 psi	*Assumes 1psi/ft frac gradient

From: Ed Bonner
To: Mason, Diana
Date: 6/25/2008 8:56 AM
Subject: Well Clearance

CC: Davis, Jim; Garrison, LaVonne; Hill, Brad; Jarvis, Dan

The following wells have been given cultural resources and paleontological resources clearance by the Trust Lands Administration:

ConocoPhillips Company
Utah 32-558D (API 43 015 30751)
Utah 33-604 (API 43 015 30752)

If you have any questions regarding this matter please give me a call.



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 7, 2008

ConocoPhillips Company
P O Box 51810
Midland, TX 79710

Re: Utah 33-604 Well, 989' FSL, 572' FWL, SW SW, Sec. 33, T. 16 South, R. 8 East,
Emery County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-015-30752.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Emery County Assessor
SITLA

Operator: ConocoPhillips Company
Well Name & Number Utah 33-604
API Number: 43-015-30752
Lease: ML-48390

Location: SW SW Sec. 33 T. 16 South R. 8 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at: (801) 538-5338 office (801) 942-0871 home
- Carol Daniels at: (801) 538-5284 office
- Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

Page 2
43-015-30752
July 7, 2008

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: CONOCOPHILLIPS COMPANY

Well Name: UTAH 33-604

Api No: 43-015-30752 Lease Type: STATE

Section 33 Township 16S Range 08E County EMERY

Drilling Contractor PETE MARTIN DRLG RIG # RATHOLE

SPUDDED:

Date 07/31/08

Time 4:30 PM

How DRY

Drilling will Commence: _____

Reported by BAD RECEPTION – KEPT BREAKING UP

Telephone # _____

Date 08/01/08 Signed CHD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48390
2. NAME OF OPERATOR: ConocoPhillips Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: P.O. Box 51810 CITY Midland STATE Tx ZIP 79710		7. UNIT or CA AGREEMENT NAME: N/A
PHONE NUMBER: (432) 688-6943		8. WELL NAME and NUMBER: Utah 33-604
4. LOCATION OF WELL FOOTAGES AT SURFACE: 989.39 FSL & 572.15 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 33 16S 8E		9. API NUMBER: 4301530752
COUNTY: Emery		10. FIELD AND POOL, OR WILDCAT: Undesignated
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 7/31/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Spud	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above well spud on 7/31/08. Drilled to 43'. Ran 13 3/8" conductor and set at 43'. Cemented 2 yards ready mix cement to surface.

NAME (PLEASE PRINT)

Donna Williams

TITLE

Sr. Regulatory Specialist

SIGNATURE

DATE

8/5/2008

(This space for State use only)

RECEIVED

AUG 07 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: ConocoPhillips Company Operator Account Number: N 2335
Address: P.O. Box 51810
city Midland
state Tx zip 79710 Phone Number: (432) 688-6943

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301530752	Utah 33-604		SWSW	33	16S	8E	Emery
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>A</i>	<i>99999</i>	<i>17004</i>	<i>7/31/2008</i>		<i>8/14/08</i>		
Comments: <i>FRSD</i>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Donna Williams

Name (Please Print)

Signature

Sr. Regulatory Specialist

Title

8/5/2008

Date

RECEIVED

AUG 07 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

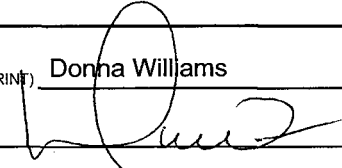
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48390
2. NAME OF OPERATOR: ConocoPhillips Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: P.O. Box 51810 CITY Midland STATE Tx ZIP 79710		7. UNIT or CA AGREEMENT NAME: N/A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 989.39 FSL & 572.15 FWL		8. WELL NAME and NUMBER: Utah 33-604
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 33 16S 8E		9. API NUMBER: 4301530752
COUNTY: Emery		10. FIELD AND POOL, OR WILDCAT: Undesignated
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 8/19/2008	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Reached Total Depth
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above well reached total depth of 4300' on 8/18/2008. Ran 5 1/2" 17# M80 casing and set at 4239' (DV Tool @ 3248 KB). Cemented w/first stage-35 sxs Litecrete (9.9ppg/2.36 yield), tail w/290 sxs Poz 50/50 (14.1ppg/1.3 yield). Bumped plug. Opened DV tool. No returns. WOC. Second stage: Lead w/410 sxs (9.6 ppg/2.36 yield), tail w/100 sxs (14.1 ppg/1.3 yield). No returns or circulation. Bumped plug. Closed DV tool. Rig released on 8/19/2008.

NAME (PLEASE PRINT) Donna Williams	TITLE Sr. Regulatory Specialist
SIGNATURE 	DATE 8/29/2008

(This space for State use only)

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SEP 02 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 48390
2. NAME OF OPERATOR: ConocoPhillips Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: P.O. Box 51810 CITY Midland STATE Tx ZIP 79710		7. UNIT or CA AGREEMENT NAME: N/A
PHONE NUMBER: (432) 688-6943		8. WELL NAME and NUMBER: Utah 33-604
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QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 33 16S 8E		10. FIELD AND POOL, OR WILDCAT: Undesignated

COUNTY: Emery

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 10/27/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: First Sales
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above well had first sales on October 27, 2008. The well is making 30 mcf gas and 182 bbls water.

NAME (PLEASE PRINT) Donna Williams	TITLE Sr. Regulatory Specialist
SIGNATURE 	DATE 10/29/2008

(This space for State use only)

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DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL:	OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	OTHER <input type="checkbox"/>		
b. TYPE OF WORK:	NEW WELL <input checked="" type="checkbox"/>	HORIZ. LATS. <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	RE-ENTRY <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	OTHER <input type="checkbox"/>
2. NAME OF OPERATOR: ConocoPhillips Company						
3. ADDRESS OF OPERATOR: P.O. Box 51810 CITY Midland STATE Tx ZIP 79710				PHONE NUMBER: (432) 688-6943		
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 989.39 FSL & 572.15 FWL AT TOP PRODUCING INTERVAL REPORTED BELOW: AT TOTAL DEPTH: Same						
5. LEASE DESIGNATION AND SERIAL NUMBER: ML 48390						
6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A						
7. UNIT or CA AGREEMENT NAME N/A						
8. WELL NAME and NUMBER: Utah 33-604						
9. API NUMBER: 4301530752						
10. FIELD AND POOL, OR WILDCAT Undesignated						
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 33 16S 8E						
12. COUNTY Emery				13. STATE UTAH		

14. DATE SPUDDED: 7/31/2008	15. DATE T.D. REACHED: 8/18/2008	16. DATE COMPLETED: 10/22/2008	ABANDONED <input type="checkbox"/>	READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): 6502.6' GL
18. TOTAL DEPTH: MD 4,300 TVD	19. PLUG BACK T.D.: MD 4,204 TVD	20. IF MULTIPLE COMPLETIONS, HOW MANY? * 1		21. DEPTH BRIDGE MD PLUG SET: TVD	
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) GR/CCL; CBL DIG, GR, CD, CN				23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)	

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
17 1/2	13 3/8 cond	40.5	0	43		redym 2		Surface	
12 1/4	9 5/8 J55	36	0	393		G 185		Surface	
8 1/2	5 1/2 M80	17	0	4,239		Litcret 35		2010	
						Poz50 290			
						510			

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	3,769							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Ferron	3,574	3,585			3,574 3,585	3 spf	33	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B) Ferron	3,640	3,659			3,640 3,659	3 spf	57	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
3574-3585	F w/776 bbls delta frac 140R + 76450# 16/30 white sand
3640-3659	F w/1023 bbls delta frac 140R + 136400# 16/30 premium white sand

29. ENCLOSED ATTACHMENTS:

- | | | | |
|---|--|---------------------------------------|---|
| <input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS | <input type="checkbox"/> GEOLOGIC REPORT | <input type="checkbox"/> DST REPORT | <input type="checkbox"/> DIRECTIONAL SURVEY |
| <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION | <input type="checkbox"/> CORE ANALYSIS | <input type="checkbox"/> OTHER: _____ | |

30. WELL STATUS:

Producing

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31. INITIAL PRODUCTION**INTERVAL A (As shown in item #26)**

DATE FIRST PRODUCED: 10/27/2008		TEST DATE: 10/27/2008		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 30	WATER – BBL: 182	PROD. METHOD: P
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 30	WATER – BBL: 182	INTERVAL STATUS: Open

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)**Sold****33. SUMMARY OF POROUS ZONES (Include Aquifers):**

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				T/Bluegate	3,250
				T/Ferron	3,508
				T/Coal	3,573
				B/Coal	3,660
				T/Tunuck	3,779

35. ADDITIONAL REMARKS (Include plugging procedure)**36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.**

NAME (PLEASE PRINT)

Donna Williams

TITLE

Sr. Regulatory Specialist

SIGNATURE

DATE

11/5/2008

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

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